

PATENT COOPERATION TREATY

From the
INTERNATIONAL SEARCHING AUTHORITY

To:

PCT

TRANSLATION

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

(PCT Rule 43bis.1)

Date of mailing
(day/month/year)

Applicant's or agent's file reference
P05CG-021WO

FOR FURTHER ACTION

See paragraph 2 below

International application No.
PCT/JP2005/019024

International filing date (day/month/year)
17.10.2005

Priority date (day/month/year)
20.10.2004

International Patent Classification (IPC) or both national classification and IPC

Applicant

CENTRAL GLASS COMPANY, LIMITED

1. This opinion contains indications relating to the following items:

- | | | |
|-------------------------------------|--------------|--|
| <input checked="" type="checkbox"/> | Box No. I | Basis of the opinion |
| <input type="checkbox"/> | Box No. II | Priority |
| <input type="checkbox"/> | Box No. III | Non-establishment of opinion with regard to novelty, inventive step and industrial applicability |
| <input type="checkbox"/> | Box No. IV | Lack of unity of invention |
| <input checked="" type="checkbox"/> | Box No. V | Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement |
| <input type="checkbox"/> | Box No. VI | Certain documents cited |
| <input type="checkbox"/> | Box No. VII | Certain defects in the international application |
| <input type="checkbox"/> | Box No. VIII | Certain observations on the international application |

2. **FURTHER ACTION**

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA/JP	Date of completion of this opinion	Authorized officer
Facsimile No.		Telephone No.

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/JP2005/019024

Box No. I	Basis of this opinion
1. With regard to the language, this opinion has been established on the basis of:	
<input checked="" type="checkbox"/> the international application in the language in which it was filed	
<input type="checkbox"/> the translation of the international application into _____, which is the language of a translation furnished for the purposes of international search (Rule 12.3(a) and 23.1(b)).	
2. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:	
a. type of material	
<input type="checkbox"/> a sequence listing	
<input type="checkbox"/> table(s) related to the sequence listing	
b. format of material	
<input type="checkbox"/> on paper	
<input type="checkbox"/> in electronic form	
c. time of filing/furnishing	
<input type="checkbox"/> contained in the international application as filed	
<input type="checkbox"/> filed together with the international application in electronic form	
<input type="checkbox"/> furnished subsequently to this Authority for the purposes of search	
3. <input type="checkbox"/> In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.	
4. Additional comments:	

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.
PCT/JP2005/019024

Box No. V	Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement																			
<p>1. Statement</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Novelty (N)</td> <td style="width: 60%;">Claims <u>1-9</u></td> <td style="width: 20%; text-align: right;">YES</td> </tr> <tr> <td></td> <td>Claims _____</td> <td style="text-align: right;">NO</td> </tr> <tr> <td style="padding-left: 20px;">Inventive step (IS)</td> <td>Claims _____</td> <td style="text-align: right;">YES</td> </tr> <tr> <td></td> <td>Claims <u>1-9</u></td> <td style="text-align: right;">NO</td> </tr> <tr> <td style="padding-left: 20px;">Industrial applicability (IA)</td> <td>Claims <u>1-9</u></td> <td style="text-align: right;">YES</td> </tr> <tr> <td></td> <td>Claims _____</td> <td style="text-align: right;">NO</td> </tr> </table> <p>2. Citations and explanations:</p> <p>Document 1: WO 2003/106435 A1 (Sankyo Co., Ltd.), 24 December 2003 pp. 4-6 and 405 (Family: none)</p> <p>Document 2: FR 2168239 A1 (Commissariat à l'Énergie Atomique), 31 August 1973 p. 2 (Family: none)</p> <p>Document 3: JP 8-12759 A (Nissan Chemical Industries, Ltd.), 16 January 1996, p. 3 & US 5861534 A & EP 679633 A1</p> <p>Document 4: JP 6-136122 A (Nissan Chemical Industries, Ltd.), 17 May 1994, pp. 4-7 (Family: none)</p> <p>Document 5: JP 3-281631 A (Sagami Chemical Research Center), 12 December 1991, pp. 3-12 & US 5144078 A & EP 452725 A2</p> <p>The inventions of claims 1-9 do not appear to involve an inventive step based on documents 1-5 cited in the ISR. Documents 3-5 describe a diaminobenzine having a substituent alkyl group that is a monomer component of a polyimide; therefore, for the identical application, producing a diaminobenzine having a 2-hydroxyhexafluoro-2-propyl group with a chemical structure identical to that of the diaminobenzine derivative described in documents 1-2 could be easily conceived of by a party skilled in the art.</p>			Novelty (N)	Claims <u>1-9</u>	YES		Claims _____	NO	Inventive step (IS)	Claims _____	YES		Claims <u>1-9</u>	NO	Industrial applicability (IA)	Claims <u>1-9</u>	YES		Claims _____	NO
Novelty (N)	Claims <u>1-9</u>	YES																		
	Claims _____	NO																		
Inventive step (IS)	Claims _____	YES																		
	Claims <u>1-9</u>	NO																		
Industrial applicability (IA)	Claims <u>1-9</u>	YES																		
	Claims _____	NO																		

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY
(Chapter I of the Patent Cooperation Treaty)

(PCT Rule 44bis)

Applicant's or agent's file reference P05CG-021WO	FOR FURTHER ACTION		See item 4 below
International application No. PCT/JP2005/019024	International filing date (<i>day/month/year</i>) 17 October 2005 (17.10.2005)	Priority date (<i>day/month/year</i>) 20 October 2004 (20.10.2004)	
International Patent Classification (8th edition unless older edition indicated) See relevant information in Form PCT/ISA/237			
Applicant CENTRAL GLASS COMPANY, LIMITED			

1. This international preliminary report on patentability (Chapter I) is issued by the International Bureau on behalf of the International Searching Authority under Rule 44 bis.1(a).
2. This REPORT consists of a total of 4 sheets, including this cover sheet.

In the attached sheets, any reference to the written opinion of the International Searching Authority should be read as a reference to the international preliminary report on patentability (Chapter I) instead.

3. This report contains indications relating to the following items:

- | | |
|---|---|
| <input checked="" type="checkbox"/> Box No. I | Basis of the report |
| <input type="checkbox"/> Box No. II | Priority |
| <input type="checkbox"/> Box No. III | Non-establishment of opinion with regard to novelty, inventive step and industrial applicability |
| <input type="checkbox"/> Box No. IV | Lack of unity of invention |
| <input checked="" type="checkbox"/> Box No. V | Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement |
| <input type="checkbox"/> Box No. VI | Certain documents cited |
| <input type="checkbox"/> Box No. VII | Certain defects in the international application |
| <input type="checkbox"/> Box No. VIII | Certain observations on the international application |

4. The International Bureau will communicate this report to designated Offices in accordance with Rules 44bis.3(c) and 93bis.1 but not, except where the applicant makes an express request under Article 23(2), before the expiration of 30 months from the priority date (Rule 44bis .2).

		Date of issuance of this report 24 April 2007 (24.04.2007)
The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer	
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